

SEWING

Power Standards

Students will be able to:

1. Demonstrate machine sewing techniques.
2. Demonstrate hand sewing techniques.
3. Demonstrate layout, cutting, and pressing techniques.
4. Recognize career opportunities in the textile industry.

Power Benchmarks

1. Use small sewing equipment according to manufacturers' standards. 1, 2, 3
2. Operate a sewing machine according to manufacturers' specifications.
3. Apply proper seam allowances. 1
4. Apply proper pressing techniques. 3
5. Follow sequential directions for completion of projects. 1, 2, 3
6. Implement layout and cutting techniques. 3
7. Apply hand sewing techniques. 2
8. Demonstrate how to attach a button.
9. Recognize quality workmanship.
10. Model positive job skills needed to be a productive member in the workforce.

SEWING

Power Standards with Power Benchmarks

Students will be able to:

1. Demonstrate machine sewing techniques.
 - Operate sewing equipment appropriately. (Power Benchmark 1)
 - Apply proper seam allowances. (Power Benchmark 2)
 - Follow sequential directions for completion of projects. (Power Benchmark 4)
2.

Demonstrate hand sewing techniques.
 - Follow sequential directions for completion of projects. (Power Benchmark 4)
 - Apply hand sewing techniques. (Power Benchmark 6)
 - Operate sewing equipment appropriately. (Power Benchmark 1)
3. Demonstrate layout, cutting, and pressing techniques.
 - Apply proper pressing techniques. (Power Benchmark 3)
 - Apply layout and cutting techniques. (Power Benchmark 5)
 - Operate sewing equipment appropriately. (Power Benchmark 1)

SEWING

Stage 1 – Desired Results

<p>Power Benchmark 1: Demonstrate machine sewing techniques.</p> <p>Power Benchmark/Competency: 1 Operate sewing equipment appropriately.</p> <p>Estimated Timeline: 5 days + on going</p>	<p>Place ‘X’ in square if goal addresses Essential/Content Standard(s).</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr style="background-color: #ffff00;"> <th style="padding: 2px;">Career</th> <th style="padding: 2px;">Technology</th> <th style="padding: 2px;">Critical Thinking</th> <th style="padding: 2px;">Global & Cultural</th> <th style="padding: 2px;">Personal Responsibility</th> </tr> <tr> <td style="padding: 2px;">x</td> <td style="padding: 2px;">X</td> <td style="padding: 2px;">x</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">x</td> </tr> <tr style="background-color: #ffff00;"> <th style="padding: 2px;">Math</th> <th style="padding: 2px;">Science</th> <th style="padding: 2px;">Reading</th> <th style="padding: 2px;">Social Responsibility</th> <th style="padding: 2px;">Communication</th> </tr> <tr> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;">x</td> <td style="padding: 2px;">x</td> <td style="padding: 2px;">x</td> </tr> </table>	Career	Technology	Critical Thinking	Global & Cultural	Personal Responsibility	x	X	x		x	Math	Science	Reading	Social Responsibility	Communication			x	x	x
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x	X	x		x																	
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<p>Understandings: <i>Students will understand that (sentence):</i> Sewing machines and basic sewing tools have specific functions in the creation of sewing projects.</p>	<p>Essential Questions:</p> <ul style="list-style-type: none"> ➤ How are specific sewing tools used to make a sewing project? ➤ What is the relationship of the sewing machine parts to sewing function? 																				
<p>Students will (know): ...(Include vocabulary)</p> <ul style="list-style-type: none"> ➤ Identify basic sewing tools. ➤ Identify sewing machine parts as relevant to building equipment. <ul style="list-style-type: none"> ○ scissors, pin cushions, tape measure, shears, seam ripper, marking pencil 	<p>Students will be able to: (i.e. do)...(Include vocabulary)</p> <ul style="list-style-type: none"> ➤ Thread a sewing machine correctly. ➤ Use a sewing machine to create sewing projects. ➤ Manage specific sewing tools appropriate to a given sewing task. <ul style="list-style-type: none"> ○ Hand wheel, reverse, needle, tension, bobbin, bobbin case, stitch length, pattern selector dial, foot control, presser foot, presser foot lever 																				

Stage 2 – Assessment Evidence

<p>Performance Tasks: (i.e. Assessment used to determine proficiency on competency)</p> <ul style="list-style-type: none"> ➤ Patchwork pillow project 	<p>Key Criteria: (Rubric)</p> <ul style="list-style-type: none"> ➤ Patchwork pillow rubric
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SEWING

Stage 1 – Desired Results:

Power Benchmark 1: Demonstrate machine sewing techniques.

Power Benchmark/Competency: 2
Apply proper seam allowances.

Estimated Timeline: 1 day + on going

Place 'X' in square if goal addresses Essential/Content Standard(s).

Career	Technology	Critical Thinking	Global & Cultural	Personal Responsibility
X	X	X		X
Math	Science	Reading	Social Responsibility	Communication
X		X	X	X

Understandings:

Students will understand that (sentence):

- Standards are set to ensure a quality finished product.
- Seam allowances have an impact on the finished size of the project.

Students will (know): ...(Include vocabulary)

- Align fabric edge to sewing machine seam gauge.
 - Seam allowance, standard

Essential Questions:

- What are the standards of a quality finished project?
- What is the purpose of a seam allowance?
- What happens if you have differing seam allowances/widths within a product?

Students will be able to: (*i.e. do*)...(Include vocabulary)

- Produce a consistent seam allowance.
 - Seam gauge

Stage 2 – Assessment Evidence

Performance Tasks: (i.e. Assessment used to determine proficiency on competency)

- Patchwork Pillow project

Key Criteria: (Rubric)

- Patchwork Pillow project **rubric**

SEWING

Stage 3 – Learning Plan:

Power Benchmark/Competency #2: Apply proper seam allowances.

Learning Activities:	Resources:
Practice seam allowances with thread on paper and fabric	Teacher demo

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Stage 1 – Desired Results:

Power Benchmark 3: Demonstrate layout, cutting, and pressing techniques.

Power Benchmark/Competency: 3
Apply proper pressing techniques.

Estimated Timeline: 1 days + on going

Place 'X' in square if goal addresses Essential/Content Standard(s).

Career	Technology	Critical Thinking	Global & Cultural	Personal Responsibility
X		X		X
Math	Science	Reading	Social Responsibility	Communication
	X		X	X

Understandings:

Students will understand that (sentence):

- Pressing affects the outcome of a finished sewing project.
- Different fabrics require different iron settings.
- There are safe ways to use irons and ironing equipment.

Essential Questions:

- How does pressing a seam affect a finish?
- What impact does temperature have on specific fabrics?
- What are safe practices during the ironing process?

Students will be (know): ...(Include vocabulary)

- Identify pressing tools
- Utilize an iron safely.
 - Iron, ironing board

Students will be able to: (*i.e. do*)...(Include vocabulary)

- Use an iron to safely press seams.
 - heat settings

Stage 2 – Assessment Evidence

Performance Tasks: (i.e. Assessment used to determine proficiency on competency)

- Patchwork pillow

Key Criteria: (Rubric)

- **Patchwork pillow rubric**

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Stage 3 – Learning Plan:

Power Benchmark/Competency #3: Apply proper pressing techniques.

Learning Activities:	Resources:
Apply pressing techniques to patchwork pillow	Teacher demo
Apply iron safety procedures	Teacher demo

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Stage 1 – Desired Results:

Power Benchmark 1: Demonstrate machine sewing techniques.

Power Benchmark/Competency: 4

Follow sequential directions for the completion of projects.

Estimated Timeline: throughout duration of any given project.

Place 'X' in square if goal addresses Essential/Content Standard(s).

Career	Technology	Critical Thinking	Global & Cultural	Personal Responsibility
X		X		X
Math	Science	Reading	Social Responsibility	Communication
X		X	X	X

Understandings:

Students will understand that (sentence):

- Pattern guide directions are sequential and must be followed as directed.
- Reading and following sequential directions is necessary for a standardized sewing project.

Essential Questions:

- What is a pattern guide?
- Why is it important to sequentially follow a pattern guide?

Students will (know): ... (Include vocabulary)

- Identify a pattern guide sheet.
- Analyze a pattern guide sheet.
 - Pattern guide

Students will be able to: (i.e. do)... (Include vocabulary)

- Follow sequential directions in the pattern guide.
- Evaluate finished projects.
 - Sequential, self-evaluation

Stage 2 – Assessment Evidence

Performance Tasks: (i.e. Assessment used to determine proficiency on competency)

- Patchwork pillow

Key Criteria: (Rubric)

- Patchwork pillow rubric

SEWING

Stage 1 – Desired Results:

<p>Power Benchmark 3: Demonstrate layout, cutting, and pressing techniques</p> <p>Power Benchmark/Competency: 5 Apply layout and cutting techniques.</p> <p>Estimated Timeline: 1 day + on going</p>	<p>Place ‘X’ in square if goal addresses Essential/Content Standard(s).</p> <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <tr style="background-color: #ffffcc;"> <th style="padding: 2px;">Career</th> <th style="padding: 2px;">Technology</th> <th style="padding: 2px;">Critical Thinking</th> <th style="padding: 2px;">Global & Cultural</th> <th style="padding: 2px;">Personal Responsibility</th> </tr> <tr> <td style="padding: 2px;">X</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">X</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">X</td> </tr> <tr style="background-color: #ffffcc;"> <th style="padding: 2px;">Math</th> <th style="padding: 2px;">Science</th> <th style="padding: 2px;">Reading</th> <th style="padding: 2px;">Social Responsibility</th> <th style="padding: 2px;">Communication</th> </tr> <tr> <td style="padding: 2px;">X</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">X</td> <td style="padding: 2px;">X</td> <td style="padding: 2px;">X</td> </tr> </table>	Career	Technology	Critical Thinking	Global & Cultural	Personal Responsibility	X		X		X	Math	Science	Reading	Social Responsibility	Communication	X		X	X	X
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X		X		X																	
Math	Science	Reading	Social Responsibility	Communication																	
X		X	X	X																	
<p>Understandings: <i>Students will understand that (sentence):</i></p> <ul style="list-style-type: none"> ➤ Accurate layout and cutting techniques are essential for a standard finished product. 	<p>Essential Questions:</p> <ul style="list-style-type: none"> ➤ Why is proper layout of a pattern important? ➤ What cutting techniques are essential for accurate pattern cutting? 																				
<p>Students will (know): ...(Include vocabulary)</p> <ul style="list-style-type: none"> ➤ Understand basic layout techniques required for a standard finished project. ➤ Determine basic cutting techniques required for a standard finished project. <ul style="list-style-type: none"> ○ Shears, scissors, layout 	<p>Students will be able to: (i.e. do)...(Include vocabulary)</p> <ul style="list-style-type: none"> ➤ Apply correct layout technique. ➤ Demonstrate accurate cutting. <ul style="list-style-type: none"> ○ Notches, grain line, fold line, pins 																				
<h2 style="margin: 0;">Stage 2 – Assessment Evidence</h2>																					
<p>Performance Tasks: (i.e. Assessment used to determine proficiency on competency)</p> <ul style="list-style-type: none"> ➤ Patchwork pillow 	<p>Key Criteria: (Rubric)</p> <ul style="list-style-type: none"> ➤ Patchwork pillow rubric 																				

SEWING

Stage 3 – Learning Plan:

Power Benchmark/Competency #5: Apply layout and cutting techniques.

Learning Activities:	Resources:
Position squares and cut them apart	Teaching demo and pattern
Layout pattern and sew together in order	Teacher demo and pattern

SEWING

Stage 1 – Desired Results:

<p>Power Benchmark 2: Demonstrate hand sewing techniques.</p> <p>Power Benchmark/Competency: 6 Apply hand sewing techniques.</p> <p>Estimated Timeline: 2 days + on-going application</p>	<p>Place ‘X’ in square if goal addresses Essential/Content Standard(s).</p> <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <tr style="background-color: #ffffcc;"> <th style="padding: 2px;">Career</th> <th style="padding: 2px;">Technology</th> <th style="padding: 2px;">Critical Thinking</th> <th style="padding: 2px;">Global & Cultural</th> <th style="padding: 2px;">Personal Responsibility</th> </tr> <tr> <td style="padding: 2px;">X</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">X</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">X</td> </tr> <tr style="background-color: #ffffcc;"> <th style="padding: 2px;">Math</th> <th style="padding: 2px;">Science</th> <th style="padding: 2px;">Reading</th> <th style="padding: 2px;">Social Responsibility</th> <th style="padding: 2px;">Communication</th> </tr> <tr> <td style="padding: 2px;">X</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">X</td> <td style="padding: 2px;">X</td> <td style="padding: 2px;">X</td> </tr> </table>	Career	Technology	Critical Thinking	Global & Cultural	Personal Responsibility	X		X		X	Math	Science	Reading	Social Responsibility	Communication	X		X	X	X
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X		X	X	X																	
<p>Understandings: <i>Students will understand that (sentence):</i></p> <ul style="list-style-type: none"> ➤ Demonstrate how to thread a needle, tie a knot, and close a seam using hand sewing. ➤ Demonstrate proper technique for sewing on a button. 	<p>Essential Questions:</p> <ul style="list-style-type: none"> ➤ What are essential techniques used when hand sewing? ➤ What are proper techniques for attaching a button? 																				
<p>Students will (know): ...</p> <ul style="list-style-type: none"> ➤ Recognize the benefits of hand sewing. <ul style="list-style-type: none"> ○ Sewing needle, straight pin, thread, knot, stitch, technique 	<p>Students will be able to: (i.e. do)...(Include vocabulary)</p> <ul style="list-style-type: none"> ➤ Employ correct hand sewing techniques to a finished sewing project. ➤ Demonstrate correct technique for attaching a button. <ul style="list-style-type: none"> ○ Whip stitch, back stitch, hand stitch 																				

Stage 2 – Assessment Evidence

<ul style="list-style-type: none"> ➤ Performance Tasks: (i.e. Assessment used to determine Patchwork pillow) 	<p>Key Criteria: (Rubric) Patchwork pillow rubric</p>
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SEWING

Stage 1 – Desired Results:

<p>Power Standard 2: Demonstrate hand sewing techniques.</p> <p>Power Benchmark/Competency: 4 Follow sequential directions for completion of projects.</p> <p>Estimated Timeline: 1 day + on going</p>	<p>Place ‘X’ in square if goal addresses Essential/Content Standard(s).</p> <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <tr style="background-color: #ffffcc;"> <th style="padding: 2px;">Career</th> <th style="padding: 2px;">Technology</th> <th style="padding: 2px;">Critical Thinking</th> <th style="padding: 2px;">Global & Cultural</th> <th style="padding: 2px;">Personal Responsibility</th> </tr> <tr> <td style="padding: 2px;">X</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">X</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">X</td> </tr> <tr style="background-color: #ffffcc;"> <th style="padding: 2px;">Math</th> <th style="padding: 2px;">Science</th> <th style="padding: 2px;">Reading</th> <th style="padding: 2px;">Social Responsibility</th> <th style="padding: 2px;">Communication</th> </tr> <tr> <td style="padding: 2px;"></td> <td style="padding: 2px;">X</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">X</td> <td style="padding: 2px;">X</td> </tr> </table>	Career	Technology	Critical Thinking	Global & Cultural	Personal Responsibility	X		X		X	Math	Science	Reading	Social Responsibility	Communication		X		X	X
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<p>Understandings: <i>Students will understand that (sentence):</i></p> <ul style="list-style-type: none"> ➤ Website directions are sequential and must be followed as directed. ➤ Reading and following sequential directions is necessary for a standardized sewing project. 	<p>Essential Questions:</p> <ul style="list-style-type: none"> ➤ What is a whipstitch? ➤ When should a whip stitch be used? 																				
<p>Students will (know): ...(Include vocabulary)</p> <ul style="list-style-type: none"> ➤ Identify a hand stitch. <ul style="list-style-type: none"> ○ Analyze quality of a stitch 	<p>Students will be able to: (i.e. do)...(Include vocabulary)</p> <ul style="list-style-type: none"> ➤ Follow sequential directions in the pattern guide. ➤ Evaluate finished projects. <ul style="list-style-type: none"> ○ Sequential, self-evaluation 																				

Stage 2 – Assessment Evidence

<p>Performance Tasks: (i.e. Assessment used to determine proficiency on competency)</p> <ul style="list-style-type: none"> ➤ Patchwork pillow 	<p>Key Criteria: (Rubric)</p> <ul style="list-style-type: none"> ➤ Patchwork pillow rubric
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SEWING

Stage 1 – Desired Results:

<p>Power Standard 2: Demonstrate hand sewing techniques.</p> <p>Power Benchmark/Competency: 1 Operate sewing equipment appropriately.</p> <p>Estimated Timeline: 3 days + on going</p>	<p>Place ‘X’ in square if goal addresses Essential/Content Standard(s).</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr style="background-color: #ffffcc;"> <th style="padding: 2px;">Career</th> <th style="padding: 2px;">Technology</th> <th style="padding: 2px;">Critical Thinking</th> <th style="padding: 2px;">Global & Cultural</th> <th style="padding: 2px;">Personal Responsibility</th> </tr> <tr> <td style="padding: 2px;">X</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">X</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">X</td> </tr> <tr style="background-color: #ffffcc;"> <th style="padding: 2px;">Math</th> <th style="padding: 2px;">Science</th> <th style="padding: 2px;">Reading</th> <th style="padding: 2px;">Social Responsibility</th> <th style="padding: 2px;">Communication</th> </tr> <tr> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;">X</td> <td style="padding: 2px;">X</td> </tr> </table>	Career	Technology	Critical Thinking	Global & Cultural	Personal Responsibility	X		X		X	Math	Science	Reading	Social Responsibility	Communication				X	X
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<p>Understandings: <i>Students will understand that (sentence):</i> Hand sewing equipment and tools have specific functions in the creation of sewing projects.</p>	<p>Essential Questions:</p> <ul style="list-style-type: none"> ➤ How are specific hand sewing tools used to make a sewing project? ➤ What is the relationship of the hand sewing equipment to its function? 																				
<p>Students will (know): ...(Include vocabulary)</p> <ul style="list-style-type: none"> ➤ Identify hand sewing tools: <ul style="list-style-type: none"> ○ scissors, shears, seam ripper, marking pencil, straight pins, needles and thread 	<p>Students will be able to: (i.e. do)...(Include vocabulary)</p> <ul style="list-style-type: none"> ➤ Thread a needle correctly. ➤ Manage specific sewing tools appropriate to a given sewing task. <ul style="list-style-type: none"> ○ Needle, tension, stitch length, and knot 																				
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